

Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application.

1. (Currently Amended) A reverse rotation preventing mechanism for a diesel engine comprising:

a camshaft driven by a crankshaft through power transmission means; and

an intake cam provided on the camshaft so as to drive an intake valve;

an exhaust cam provided on the camshaft so as to drive an exhaust valve; and

a single fuel injection pump cam provided on the camshaft so as to drive a fuel injection pump, ~~cams provided on the camshaft so as to drive an intake valve, an exhaust valve and a fuel injection pump, respectively,~~ wherein the single cam for the fuel injection pump cam is shaped so as to include a rotatably integral maximum radius portion, ~~[[a]]~~ minimum radius portion, and ~~[[a]]~~ middle stage portion, and wherein the middle stage portion is radially larger than the minimum radius portion and is disposed ~~[[at]]~~ in a predetermined angle range on the back side in the rotation direction of the single fuel injection pump cam from the maximum radius portion.

2. (Currently Amended) The reverse rotation preventing mechanism for a diesel engine according to claim 1, wherein the height of the middle stage portion substantially corresponds to ~~the height~~ a lifted position of a plunger of the fuel injection pump when injection of the fuel injection pump driven by the cam is completed at the engine start.

3. (Original) The reverse rotation preventing mechanism for a diesel engine according to claim 1, wherein the height of the middle stage portion is determined so that the middle stage portion is prevented from interfering with a rotation locus of an end of a connecting rod.

4. (Currently Amended) The reverse rotation preventing mechanism for a diesel engine according to claim 1, wherein a boundary position between the middle stage portion and a small radius-reduced portion where the radius is reduced to the minimum radius portion is disposed adjacent to a position for starting the opening process of the intake valve.
5. (Original) The reverse rotation preventing mechanism for a diesel engine according to claim 1, wherein a boundary position between a portion where the radius is gradually reduced from the maximum radius portion and the middle stage portion is disposed adjacent to a position for starting the opening process of the exhaust valve.
6. (New) The reverse rotation preventing mechanism for a diesel engine according to claim 1, wherein the single fuel injection pump cam includes a single maximum radius portion.
7. (New) The reverse rotation preventing mechanism for a diesel engine according to claim 1, wherein the predetermined angle range corresponds to a profile of the exhaust cam for an opening period of the exhaust valve from its opening until its closing.